

CLASSIFICATION **SECRET**
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

50X1-HUM

CD NO.

COUNTRY USSR
 SUBJECT Economic; Technological - Automobile,
 bearing industries
 HOW PUBLISHED Daily newspapers
 WHERE PUBLISHED USSR
 DATE PUBLISHED 10 Jan - 24 Feb 1951
 LANGUAGE Russian

DATE OF INFORMATION 1951

DATE DIST. 16 Apr 1951

NO. OF PAGES 3

SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C. 31 AND 32, AND ASSEMBLED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

INCREASE OUTPUT, CUT COSTS IN AUTOMOBILE INDUSTRY

HONOR BEARING, CARBURETOR PLANTS -- Moscow, Trud, 28 Jan 51

At a joint session of the Collegium of the Ministry of Automobile and Tractor Industry and the Presidium of the Central Committee of Trade Unions; N. M. Potapov, director of the First State Bearing Plant imeni L. M. Kaganovich, and Shmakalov, director of the Leningrad Carburetor Plant imeni V. V. Kuybyshev, reported that fulfillment of their collective obligations, and both plants were awarded the title of Stakhanovite enterprises. The First State Bearing Plant has 216 excellent-quality brigades, and 73 percent of the plant's equipment has been put on the socialist maintenance program. Output for 1950 per square meter of production area increased 35.2 percent over that of 1949, and output per unit of equipment increased 27.1 percent. Cost of production has been lowered by almost a third. The plant has fulfilled its Five-Year Plan for gross production.

At the Leningrad Carburetor Plant, the shops worked 1-2 days per month on conserved materials. Almost all operations have gone on a continuous-production basis, and the assembly shops have adopted the conveyor system. The assembly of units has been put on an hourly schedule. One hundred fourteen brigades were given the title of excellent-quality brigades, and 68 percent of the equipment has been put on the socialist maintenance program. There are 54 complex brigades of innovators.

Moscow, Vechernyaya, Moskva, 27 Jan 51

Every third worker in the State Bearing Plant imeni L. M. Kaganovich is an innovator, and 72 percent of the plant's equipment has been put on the socialist maintenance program. The 1950 output per square meter of production area exceeded the 1949 level by 25.7 percent and waste was cut in half. A number of economy measures enabled the plant to save 1,780 tons of steel for the year. More than a hundred mixed brigades of setup men have been organized, following the example of the automatic lathe shop.

- 1 -

SECRET

CLASSIFICATION		SECRET		DISTRIBUTION							
STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	NSRB							
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	FBI							

~~SECRET~~
SECRET

50X1-HUM

STATISTICAL INSPECTION SYSTEM REDUCES WASTE -- Yerevan, Kommunist, 4 Feb 51

Many sections in the shops of the Kuybyshev Bearing Plant have adopted a statistical inspection method, under which parts are spot-checked hourly and the results recorded on an inspection chart. If the dots on the chart do not fall within the permissible limits of accuracy, the machine tool is stopped and the trouble corrected. This system has enabled the machinists to turn out excellent work, and in the shops where it is in use, the inspection force has been cut down by 37 men. Further application of this system will enable the plant to free 100 more inspectors by 1 May. Economies effected by reducing the inspection force and by cutting down waste will amount to several million rubles yearly.

STRESS TOOL MAINTENANCE IN AUTO ACCESSORY PLANT -- Moscow, Vechernyaya Moskva, 3 Feb 51

Many shops of the Moscow Automobile Aggregate Plant have adopted a system in which a set of tools is kept beside each machine tool, thus saving the time the operator spends going to and from the toolroom. Dull or broken tools and dies are put in a designated place where they can be picked up by a repair man, who returns them sharpened.

By using rapid setup of machine tools in the hydraulic jack shop, workers have been able to turn out 150 parts per shift, instead of the former 110-120. Stoppages caused by changing cutting tools have been eliminated in the jack-frame boring section. In those operations in the piston shop where rapid setup of machine tools has been adopted, labor productivity had risen 5-10 percent. The drivers' tools shop has spare drills and cutting tools on the work benches, and operators change tools without the aid of the setup man.

MODERNIZE OLD MACHINE TOOLS -- Moscow, Izvestiya, 15 Feb 51

The gear-box shop of the Moscow Automobile Plant imeni Stalin recently converted three single-spindle internal grinders of obsolete design into two-spindle grinders, increasing their productivity and effecting an economy of 300,000 rubles a year. A gear-cutting machine was adapted to vortical machining of speedometer worm gears. As a result of these measures, the quality of parts will be improved and productivity of equipment will be increased approximately 50 percent.

More than 70 percent of the machine-tool park has been put on the socialist maintenance program, reducing stoppages 25 percent in the gray-iron shop.

USE NEW PROCESSES -- Moscow, Vechernyaya Moskva, 7 Feb 51

A new conveyer is in operation on the ignition coil assembly line of the ATE-2 Plant (Automobile and Tractor Electrical Equipment Plant No 2). Ignition distributor parts were formerly made on cylindrical grinders, and many rejects resulted. Now this operation is done by centerless grinders, which have considerably improved the quality of the machining.

Plant innovators have set up a special feed mechanism and a two-directional cutter which makes it possible to use the return stroke of the planer. This double-cut planer machines parts twice as fast as the single-cut planer.

Iron strips for the bobbin cores had been cut by guillotine shears, one of the most painstaking processes in the shop. Now, specially designed and constructed roller shears perform this operation ten times as fast as the old mechanism.

- 2 -

SECRET

~~SECRET~~

SECRET

SECRET

50X1-HUM

MAINTENANCE PROGRAM CUTS MACHINE STOPPAGE -- Moscow, Izvestiya, 21 Feb 51

About 70 percent of the machine-building park of the Yerevan Avtodetal' Plant has been put on the socialist maintenance program, thus lengthening the time between repairs. Electric-spark sharpening of tools has been successfully adopted. The continuous-production method and high-speed metal cutting are employed by all brigades in the first shop.

GOR'KIY PLANT WINS FOUNDRY COMPETITION -- Moscow, Moskovskaya Pravda, 22 Feb 51

The Ministry of Automobile and Tractor Industry and the Central Committee of Trade Unions announced that the gray-iron foundry of the Gor'kiy Automobile Plant won the competition among foundries for the last quarter of 1950. The plant adopted about 200 innovations and saved the state more than 630,000 rubles. Foundry No 4 of the Moscow Automobile Plant imeni Stalin won a second place. This foundry lowered the production cost of metal for the ZIS-154 bus 231 rubles per ton, and lowered the production cost of items that go into other cars. Thirty-five thousand rubles were saved in January of this year alone by economizing on metal and materials. Foundry No 1 of the Ural Automobile Plant imeni Stalin also won a second place.

USE NEW DIE FOR SPEEDOMETER PRODUCTION -- Moscow, Trud, 24 Feb 51

The Vladimir Avtopribor (Automobile Instruments) Plant is now using a nine-punch die which enables one operator to stamp out tens of thousands of speedometer bearings per shift.

CARBURETOR PLANT BUILDS SNOW PLOWS -- Vil'nyus, Sovetskaya Litva, 31 Jan 51

The Leningrad Carburetor Plant imeni Kuybyshev has speeded up the production of snow plows for automotive vehicles by eliminating delays.

MOSKVICHES FOR SALE IN ARMENIA -- Yerevan, Kommunist, 14 Feb 51

The Yerevan Specialty Store, Armenian SSR Office of Glavavtotraktorosbyt, announces that convertible and closed type Moskviches are for sale to the public at their store on 95a Mikoyan prospekt. -- Advertisement

START PRODUCTION OF NEW BICYCLES -- Riga, Sovetskaya Latvija, 10 Jan 51

The Minsk Bicycle Plant is putting out the new V-16 bicycle for men. The production of two-wheeled bicycles for children, the Orlenok for boys and the Lastochka for girls, has been initiated.

STEP UP 1950 PRODUCTION -- Moscow, Trud, 28 Jan 51

In 1950, USSR production of trucks increased 30 percent over 1949; automobiles, 41 percent; and motorcycles, 34 percent.

- E N D -

- 3 -

SECRET

SECRET